

SUPPLEMENTAL PRELIMINARY AMENDMENT
Continuation of Appln. No. 09/266,606
Filed November 14, 2001
Appln. No. Not Yet Assigned

REMARKS

This Supplemental Amendment sets forth additional amendments to the application supplementing those set forth in the Preliminary Amendment filed on November 14, 2001 by placing Claims 1-5 in the form previously pending in the parent application.

Respectfully submitted,



Mark R. Woodall
Registration No. 43,286

SUGHRUE MION, PLLC
2100 Pennsylvania Avenue, N.W.
Washington, D.C. 20037-3213
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

Date: November 15, 2001

APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

Please amend the following claims:

1. (Amended) An armature for a dynamo-electric machine comprising:

a shaft;

a core, secured to said shaft, having a plurality of slots extending in [the] an axial
direction formed on [the] an outer circumferential surface [thereof] of said core;

a coil [composed of] comprising a plurality of coil portions formed by simultaneously
winding wires a plurality of turns around a pair of said slots separated by a predetermined
number of said slots and offsetting each of said coil portions [one slot at a time] in the
circumferential direction of said core, wherein at least one pair of adjacent coil portions share a
common one of said slots;

a commutator secured to said shaft, said commutator comprising a plurality of segments;

and

[adjacent said coil portions sharing one of said slots along one side thereof, wherein] a
plurality of equalizing connectors for permanently electrically connecting pairs of said segments
[which] that should have the same electric potential [are electrically connected by means of

SUPPLEMENTAL PRELIMINARY AMENDMENT
Continuation of Appln. No. 09/266,606
Filed November 14, 2001
Appln. No. Not Yet Assigned

equalizing connectors], so that each of pairs of said coil portions that should have the same electric potential has a substantially equal electrical potential.

2. (Amended) An armature for a dynamo-electric machine comprising:

a shaft;

a core, secured to said shaft, having a plurality of slots extending in [the] an axial direction formed on [the] an outer circumferential surface [thereof] of said core;

a coil [composed of] comprising a plurality of coil portions formed by simultaneously winding wires a plurality of turns around a pair of said slots separated by a predetermined number of said slots and offsetting each of said coil portions [one slot at a time] in the circumferential direction of said core, wherein a number of vacant slots between adjacent said coil portions is nonuniform; [and]

a commutator secured to said shaft, said commutator comprising [having] a plurality of segments; and

[the number of vacant slots between adjacent said coil portions being nonuniform,

wherein] a plurality of equalizing connectors for permanently electrically connecting pairs of said segments [which] that should have the same electric potential[are electrically connected by means of equalizing connectors], so that each of pairs of said coil portions that should have the same electric potential has a substantially equal electrical potential.

SUPPLEMENTAL PRELIMINARY AMENDMENT
Continuation of Appln. No. 09/266,606
Filed November 14, 2001
Appln. No. Not Yet Assigned

3. (Amended) An armature for a dynamo-electric machine comprising:

a shaft;

a core, secured to said shaft, having a plurality of slots extending in [the] an axial direction formed on [the] an outer circumferential surface [thereof] of said core;

a coil [composed of] comprising a plurality of coil portions formed by simultaneously winding wires a number of turns around a pair of said slots separated by a predetermined number of said slots and offsetting each of said coil portions [one slot at a time] in the circumferential direction of said core for a plurality of laps, wherein the number of turns of said wires in said coil portions in an initial lap is different from the number of turns of said wires in subsequent laps; [and]

a commutator secured to said shaft, said commutator comprising [having] a plurality of segments; and

[the number of turns of said wires in said coil portions differing in the initial lap and the subsequent laps, wherein] a plurality of equalizing connectors for permanently electrically connecting pairs of said segments [which] that should have the same electric potential [are electrically connected by means of equalizing connectors], so that each of pairs of said coil portions that should have the same electric potential has a substantially equal electrical potential.